U.S. Serial No. 10/753,000 Filed January 5, 2004 Thomas E. Harbin et al.

Please replace the Abstract of the Disclosure paragraph with the following amended paragraph.

## Abstract of the Disclosure

A fastening system is provided that includes a fastener having a pin member with a lock groove and crest geometry that is optimized to receive swaged material from collars of materials of different strengths for securing workpieces for different load applications. The lock grooves have the longest width required for collars of lower strength for one application or greater strength for a second application and the crests have the longest width required for collars of greater strength for the second application whereby satisfactory clamp and tensile loads and resistance to failure will result when the lock grooves are filled with collar materials of different strengths. The lock groove and crest geometry is of a uniform construction for the plurality of applications with pin members of a common diameter. Certain collars of different materials have similar outside diameters for installation by a tool having a swage anvil with a uniform swage cavity that swages the collars into the lock grooves for securing workpieces in shear, shear/tension, shear composite and shear/tension composite applications. A method of designing a fastener-is-also provided that has a uniform lock-groove and crest geometry for use in the plurality of applications.